

03/28/01
J1058
U.S. PTO

03-30-01

A

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Please type a plus sign (+) inside this box →

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. MI22-1599

First Inventor or Application Identifier Werner Juengling

Title Methods of Forming Materials Between Conductive...

Express Mail Label No.

EL465781655US

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|--|---|
| <p>1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 38]
(preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 6]</p> <p>4. Oath or Declaration [Total Pages 4]</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). | <p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies |
|--|---|

ACCOMPANYING APPLICATION PARTS

- | |
|--|
| <p>7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of
(when there is an assignee) <input type="checkbox"/> Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS
Citations</p> <p>11. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)</p> <p>13. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application
(PTO/SB/09-12) <input type="checkbox"/> Status still proper and desired</p> <p>14. <input type="checkbox"/> Certified Copy of Priority Document(s)
(if foreign priority is claimed)</p> <p>15. <input checked="" type="checkbox"/> Other: Check in the amount of \$710.00
.....
.....</p> |
|--|

* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

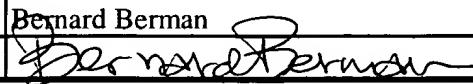
Continuation Divisional Continuation-in-part (CIP) of prior application No: 09/115,339

Prior application information: Examiner E. Kielin Group / Art Unit: 2813

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	021567 (Insert Customer No. or Attach bar code label here)			or <input type="checkbox"/> Correspondence address below
Name				
Address				
City	State	Zip Code		
Country	Telephone		Fax	

Name (Print/Type)	Bernard Berman	Registration No. (Attorney/Agent)	37,279
Signature		Date	March 28, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

03/28/01
09/820468
U.S. PTOPTO/SB/17, (12/99)
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$710.00)

Complete if Known	
Application Number	09/115,339 (Priority)
Filing Date	July 14, 1998 (Priority)
First Named Inventor	Werner Juengling
Examiner Name	E. Kielin (Priority)
Group / Art Unit	2813 (Priority)
Attorney Docket No.	MI22-1599

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number 23-0925				3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee</th> <th>Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td></tr> <tr><td>116</td><td>380</td><td>216</td><td>190</td><td>Extension for reply within second month</td></tr> <tr><td>117</td><td>870</td><td>217</td><td>435</td><td>Extension for reply within third month</td></tr> <tr><td>118</td><td>1,360</td><td>218</td><td>680</td><td>Extension for reply within fourth month</td></tr> <tr><td>128</td><td>1,850</td><td>228</td><td>925</td><td>Extension for reply within fifth month</td></tr> <tr><td>119</td><td>300</td><td>219</td><td>150</td><td>Notice of Appeal</td></tr> <tr><td>120</td><td>300</td><td>220</td><td>150</td><td>Filing a brief in support of an appeal</td></tr> <tr><td>121</td><td>260</td><td>221</td><td>130</td><td>Request for oral hearing</td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td></tr> <tr><td>141</td><td>1,210</td><td>241</td><td>605</td><td>Petition to revive - unintentional</td></tr> <tr><td>142</td><td>1,210</td><td>242</td><td>605</td><td>Utility issue fee (or reissue)</td></tr> <tr><td>143</td><td>430</td><td>243</td><td>215</td><td>Design issue fee</td></tr> <tr><td>144</td><td>580</td><td>244</td><td>290</td><td>Plant issue fee</td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td></tr> <tr><td>146</td><td>690</td><td>246</td><td>345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td></tr> <tr><td>149</td><td>690</td><td>249</td><td>345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td>0.00</td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td>0.00</td></tr> <tr> <td colspan="4">SUBTOTAL (1) (\$ 710.00)</td> <td>SUBTOTAL (3) (\$ 0.00)</td> </tr> <tr> <td colspan="4">Reduced by Basic Filing Fee Paid</td> <td></td> </tr> </tbody></table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	139	130	139	130	Non-English specification	147	2,520	147	2,520	For filing a request for reexamination	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	115	110	215	55	Extension for reply within first month	116	380	216	190	Extension for reply within second month	117	870	217	435	Extension for reply within third month	118	1,360	218	680	Extension for reply within fourth month	128	1,850	228	925	Extension for reply within fifth month	119	300	219	150	Notice of Appeal	120	300	220	150	Filing a brief in support of an appeal	121	260	221	130	Request for oral hearing	138	1,510	138	1,510	Petition to institute a public use proceeding	140	110	240	55	Petition to revive - unavoidable	141	1,210	241	605	Petition to revive - unintentional	142	1,210	242	605	Utility issue fee (or reissue)	143	430	243	215	Design issue fee	144	580	244	290	Plant issue fee	122	130	122	130	Petitions to the Commissioner	123	50	123	50	Petitions related to provisional applications	126	240	126	240	Submission of Information Disclosure Stmt	581	40	581	40	Recording each patent assignment per property (times number of properties)	146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))	149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))	Other fee (specify) _____				0.00	Other fee (specify) _____				0.00	SUBTOTAL (1) (\$ 710.00)				SUBTOTAL (3) (\$ 0.00)	Reduced by Basic Filing Fee Paid				
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee	Description	Fee Paid																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																														
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																														
139	130	139	130	Non-English specification																																																																																																																																																														
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																														
115	110	215	55	Extension for reply within first month																																																																																																																																																														
116	380	216	190	Extension for reply within second month																																																																																																																																																														
117	870	217	435	Extension for reply within third month																																																																																																																																																														
118	1,360	218	680	Extension for reply within fourth month																																																																																																																																																														
128	1,850	228	925	Extension for reply within fifth month																																																																																																																																																														
119	300	219	150	Notice of Appeal																																																																																																																																																														
120	300	220	150	Filing a brief in support of an appeal																																																																																																																																																														
121	260	221	130	Request for oral hearing																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																														
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																														
141	1,210	241	605	Petition to revive - unintentional																																																																																																																																																														
142	1,210	242	605	Utility issue fee (or reissue)																																																																																																																																																														
143	430	243	215	Design issue fee																																																																																																																																																														
144	580	244	290	Plant issue fee																																																																																																																																																														
122	130	122	130	Petitions to the Commissioner																																																																																																																																																														
123	50	123	50	Petitions related to provisional applications																																																																																																																																																														
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																														
146	690	246	345	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																														
149	690	249	345	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																														
Other fee (specify) _____				0.00																																																																																																																																																														
Other fee (specify) _____				0.00																																																																																																																																																														
SUBTOTAL (1) (\$ 710.00)				SUBTOTAL (3) (\$ 0.00)																																																																																																																																																														
Reduced by Basic Filing Fee Paid																																																																																																																																																																		
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																																		
FEE CALCULATION																																																																																																																																																																		
1. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>201</td><td>345</td><td>Utility filing fee</td><td>710.00</td></tr> <tr><td>106</td><td>310</td><td>206</td><td>155</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>480</td><td>207</td><td>240</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>208</td><td>345</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>								Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	690	201	345	Utility filing fee	710.00	106	310	206	155	Design filing fee		107	480	207	240	Plant filing fee		108	690	208	345	Reissue filing fee		114	150	214	75	Provisional filing fee																																																																																																																										
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																															
101	690	201	345	Utility filing fee	710.00																																																																																																																																																													
106	310	206	155	Design filing fee																																																																																																																																																														
107	480	207	240	Plant filing fee																																																																																																																																																														
108	690	208	345	Reissue filing fee																																																																																																																																																														
114	150	214	75	Provisional filing fee																																																																																																																																																														
SUBTOTAL (1) (\$ 710.00)																																																																																																																																																																		
2. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>11</td><td>-20**</td><td>=0</td><td>x =0</td></tr> <tr><td>1</td><td>- 3**</td><td>=0</td><td>x =0</td></tr> <tr><td colspan="4">Multiple Dependent</td></tr> </tbody> </table>								Total Claims	Extra Claims	Fee from below	Fee Paid	11	-20**	=0	x =0	1	- 3**	=0	x =0	Multiple Dependent																																																																																																																																														
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																															
11	-20**	=0	x =0																																																																																																																																																															
1	- 3**	=0	x =0																																																																																																																																																															
Multiple Dependent																																																																																																																																																																		
SUBTOTAL (2) (\$ 0.00)																																																																																																																																																																		
*or number previously paid, if greater; For Reissues, see below <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>78</td><td>202</td><td>39</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>260</td><td>204</td><td>130</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>78</td><td>209</td><td>39</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> </tbody> </table>								Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20	102	78	202	39	Independent claims in excess of 3	104	260	204	130	Multiple dependent claim, if not paid	109	78	209	39	** Reissue independent claims over original patent	110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																														
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																															
103	18	203	9	Claims in excess of 20																																																																																																																																																														
102	78	202	39	Independent claims in excess of 3																																																																																																																																																														
104	260	204	130	Multiple dependent claim, if not paid																																																																																																																																																														
109	78	209	39	** Reissue independent claims over original patent																																																																																																																																																														
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																														
SUBTOTAL (3) (\$ 0.00)																																																																																																																																																																		

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Bernard Berman	Registration No. (Attorney/Agent)	37,279
Signature	<i>Bernard Berman</i>	Telephone	509-624-4276
		Date	March 28, 2001

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EL465781655US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$710.00)

Complete if Known

Application Number	09/115,339 (Priority)
Filing Date	July 14, 1998 (Priority)
First Named Inventor	Werner Juengling
Examiner Name	E. Kielin (Priority)
Group / Art Unit	2813 (Priority)
Attorney Docket No.	MI22-1599

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 23-0925

Deposit Account Name Wells, St. John

 Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed:

 Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	0.00
127	50	Surcharge - late provisional filing fee or cover sheet.	0.00
139	130	Non-English specification	0.00
147	2,520	For filing a request for reexamination	0.00
112	920*	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	Extension for reply within first month	0.00
116	380	Extension for reply within second month	0.00
117	870	Extension for reply within third month	0.00
118	1,360	Extension for reply within fourth month	0.00
128	1,850	Extension for reply within fifth month	0.00
119	300	Notice of Appeal	0.00
120	300	Filing a brief in support of an appeal	0.00
121	260	Request for oral hearing	0.00
138	1,510	Petition to institute a public use proceeding	0.00
140	110	Petition to revive - unavoidable	0.00
141	1,210	Petition to revive - unintentional	0.00
142	1,210	Utility issue fee (or reissue)	0.00
143	430	Design issue fee	0.00
144	580	Plant issue fee	0.00
122	130	Petitions to the Commissioner	0.00
123	50	Petitions related to provisional applications	0.00
126	240	Submission of Information Disclosure Stmt	0.00
581	40	Recording each patent assignment per property (times number of properties)	0.00
146	690	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	690	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify) _____			0.00
Other fee (specify) _____			0.00
Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Bernard Berman	Registration No. (Attorney/Agent)	37,279	Telephone	509-624-4276
Signature	Bernard Berman			Date	March 28, 2001

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EL465781655US